CW#68: Mid-Year Review

Geometry

Name:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ TP:\_\_\_\_\_

Transformations

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| 1. Macintosh HD:Users:katleiahramos:Desktop:Screen Shot 2015-10-03 at 5.22.02 PM.pngReflect the triangle below over the line y=x | | 1. Rotate the point 90 degrees counterclockwise about the origin.   Macintosh HD:Users:katleiahramos:Desktop:Screen Shot 2015-10-04 at 12.17.18 PM.png | |
| Directions: For #3-8, determine if a translation, rotation, reflection, or dilation occurred. | | | |
| 1. Macintosh HD:Users:katleiahramos:Desktop:Screen Shot 2015-10-03 at 10.33.40 PM.png | 1. Macintosh HD:Users:katleiahramos:Desktop:Screen Shot 2015-10-03 at 10.33.54 PM.png | 1. Macintosh HD:Users:katleiahramos:Desktop:Screen Shot 2015-10-03 at 10.34.00 PM.png | ../../../Desktop/Screen%20Shot%202016-01-10%20at%2011.11.03%20AM.png |
| 1. ../../../Desktop/Screen%20Shot%202016-01-10%20at%2011.11.08%20AM.png | 1. ../../../Desktop/Screen%20Shot%202016-01-10%20at%2011.11.12%20AM.png | 1. Error analysis: Cesar says that the figure shown is a dilation. What is wrong with this statement?   ../../../Desktop/Screen%20Shot%202016-01-10%20at%2011.11.24%20AM.png | |

Angles

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|  | 1. ../../../Unit%203%20(Angles)/Interim%20Questions/Solve%20for%20missing%20angle/Screen%20Shot%202015-10-08%20at%208.06.07%20PM.pngIn the figure below Q,R, and S are collinear. If the measure of ∠PQR is 32 degrees, and the measure of ∠PRS is 56 degrees, what is the measure of ∠QPR? |
| 1. ../../../Unit%203%20(Angles)/Interim%20Questions/Triangle%20Sum/Screen%20Shot%202015-10-08%20at%208.05.23%20PM.pngSolve for x. | 1. ../../Q2%20Interim%20Questions/Interim%20Q2/Angles/ANG_3.pngTRI is a triangle and points R,I, and A are collinear. What is m∠AIT? |

Area and Perimeter

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| 1. Find the area and perimeter of the figure below. | 1. A football stadium is being built and the builders need to determine the perimeter of the entire building. The stadium is built as a rectangle with two half-circles on either end. The stadium is 90 yards long and 60 yards wide. What is the area, in square feet, of the football stadium? |

Area and Perimeter Continued…

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| 1. If a rectangle has a width of 24 feet and a perimeter of 120 feet, what is its area? | 1. Find the area of the shaded region   C:\Users\kramos\Desktop\compsite6.PNG |
| 1. Find the area and perimeter of the shape below. ../../../../../Desktop/Screen%20Shot%202015-11-01%20at%201.01.32%20PM | 1. The sum of and is 114°. If is four less than three times the measure of , what is the measure of ? |

Triangles

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| Directions: Prove the following triangles are congruent. | | |
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